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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

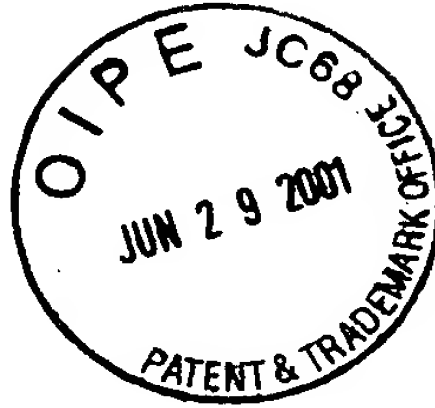
In re Patent Application of

Eun-Hwa HONG et al.

Application No.: 09/842,714

Filed: April 27, 2001

For: METHOD OF SYNTHESIZING
CARBON NANOTUBES AND
APPARATUS USED FOR THE SAME



Group Art Unit: 1754

Examiner: Unassigned

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Kindly preliminarily amend the application, as follows:

IN THE ABSTRACT:

Please add the abstract appearing on the attached separate sheet.

IN THE CLAIMS:

Please add Claims 17-23, as follows:

--17. The apparatus of claim 16, further comprising a heat-resistant material provided inside or outside the reactor, the heat-resistant material blocking heat transmission from reactor to the outside.

18. The apparatus of claim 16, further comprising a catalyst gas supplier for supplying the catalyst into the reactor in gas phase.

19. The apparatus of claim 18, wherein the catalyst gas supplier comprises:
a saturator for vaporizing a compound which is a precursor of the catalyst;

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